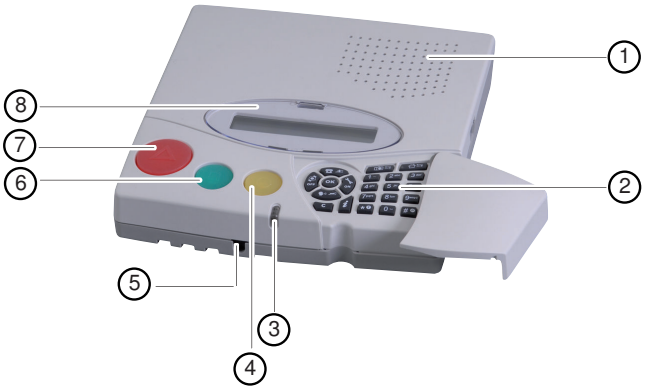
BOSCH
Invented for life

# Carephone 12

- **Fast and easy programming via integrated keypad and display**
- **Compact housing**
- **Quick and precise system status assessment through built-in display**
- **Reliable identification of emergency call to a telephone through recorded voice**

The Bosch Carephone 12 is a care system with a wide range of applications. It is simple to install and easy to operate, combining maximum functionality with excellent duplex speech quality in a compact housing.

## System Overview




1. Loudspeaker
2. Programming keypad
3. LED indicator
4. Yellow button
5. Microphone
6. Green button
7. Red button (emergency call button)
8. LCD display

## Functions

An alarm can be initiated either by pressing the emergency call button on the carephone or by a wireless pendant or wristband transmitter. In an emergency, help can be summoned quickly and according to individual need by means of an automatically established speech connection to a monitoring center which is manned 24 hours a day.

The second and the third button are optionally programmable. These buttons can be programmed to cancel the alarm manually, to make use of the activity monitoring or the service function.

The Carephone 12 regularly checks the connection to the monitoring center by an automatic test call. The monitoring center or relevant persons are notified automatically in the case of low batteries or power failure. The integrated rechargeable battery keeps the carephone up and running for at least 72 hours. All important functions are easily readable on the clearly laid-out display.

## Certifications and Approvals

| Region | Certification | |
|---|---|---|
| Europe | CE | Declaration of Conformity for Slovenia |

CE

**Carephone 12**

EN 50134-3 (2001)
EN 301489-3 v1.4.1 (2002)
EN 300220-2 V2.1.2 (2007)
EN 60950-1 (2001) A11 (2004)
EN 50130-4 (1995) A1 (2000) A2 (2003)

**S37 Transmitter**

EN 50134-2 (2001)
EN 300220-2 v2.1.2 (2007)
EN 301489-3 v1.4.1 (2002)

**Receiver parameters as required in EN 50134-3 § 5.6 (2001)**

| | |
|---|---|
| Conducted sensitivity | - 115 dBm |
| Field sensitivity | 26 dB µV/m |
| Co-channel rejection | - 8 dB |
| Adjacent channel selectivity | 71 dB |
| Spurious response, mirror selectivity | 69 dB |
| Intermodulation response rejection | 66 dB |
| Blocking | 86 dB |

## Installation/Configuration Notes

**Installation**

The Carephone 12 is easy to install. It is connected to the telephone network with a telephone plug and is supplied with power through an adapter. If power failure occurs, a rechargeable battery supplies the carephone with power. Programming can be done locally via the integrated keypad and display. The carephone can also be programmed remotely through PC and programming tool or through the monitoring center.

## Parts Included

| Quant. | Component |
|---|---|
| 1 | Carephone 12 |
| 1 | S37 transmitter with accessories |
| 1 | Power adaptor |
| 1 | Serial adaptor |
| 1 | Modular cord |
| 1 | User manual |
| 1 | Wall mounting set |

## Technical Specifications

| | |
|---|---|
| Power supply | 230V primary, 10VAC secondary |
| Backup power supply | 6VDC, 1.2 Ah, NiMH rechargeable battery. Sufficient for at least 72 hours (without extension boards) |
| Battery level indicator | Yes (on display) |
| Current consumption | 280 mA. 10 mA in standby (without extension boards) |
| Telephone connector | Country specific |
| Dialing procedure | Tone |
| Environmental class | II (EN 50134-3) |
| Protection class | IP30 |
| Frequency | 869.2125 MHz |
| Receiver Class | Class 1, EN 300220-2 V2.1.2 |
| Max. number of transmitters | 20 |
| Max. number of telephone numbers | 10 (programmable per event type) |
| Emergency call message | Configurable ( from 1x16 sec. to 12x2 sec.) |
| Audio volume | Adjustable by programming or during conversation |
| Protocols supported | Multiple protocols |
| Programming | By keyboard on the unit, or remote programmable by programming tool (PC). |
| Programming languages | English, German, Dutch, French, Swedish, Norwegian, Finnish |
| User Guidance | By display text |
| Inputs/ outputs | 2 inputs, 1 relay output (optional) |
| External Audio/ Microphone Connection | Yes (optional) |
| Dimensions (H x W x D) | 180 x 37 x 190 mm |
| Weight | 0.66 kg |

## Ordering Information

| | |
|---|---|
| **CRS-S12-05100DE Carephone**<br>Carephone 12 AS with S37 transmitter (869). German version. | **CRS-S12-05100DE** |
| **CRS-S12-051A0CH Carephone**<br>Carephone 12 ASa with S37 transmitter (869). Swiss version. | **CRS-S12-051A0CH** |
| **CRS-S12-05100CH Carephone**<br>Carephone 12 AS with S37 transmitter (869). Swiss version. | **CRS-S12-05100CH** |
| **CRS-S12-051I0CH Carephone**<br>Carephone 12 ASi with S37 transmitter (869). Swiss version. | **CRS-S12-051I0CH** |
| **CRS-S12-051A0NL Carephone**<br>Carephone 12 ASa with S37 transmitter (869). Dutch version. | **CRS-S12-051A0NL** |
| **CRS-S12-051I0NL Carephone**<br>Carephone 12 ASi with S37 transmitter (869). Dutch version. | **CRS-S12-051I0NL** |
| **CRS-S12-05100FR Carephone**<br>Carephone 12 AS with S37 transmitter (869). French version. | **CRS-S12-05100FR** |
| **CRS-S12-051A0UK Carephone**<br>Carephone 12 ASa with S37 transmitter (869). British version. | **CRS-S12-051A0UK** |
| **CRS-S12-051A0SC Carephone**<br>Carephone 12 ASa with S37 transmitter (869). Scandinavian (Norway, Sweden, Finland) version. | **CRS-S12-051A0SC** |
| **CRS-S12-05100SC Carephone**<br>Carephone 12 AS with S37 transmitter (869). Scandinavian (Norway, Sweden, Finland) version. | **CRS-S12-05100SC** |
| **CRS-S12-051A0DE Carephone**<br>Carephone 12 ASa with S37 transmitter (869). German version. | **CRS-S12-051A0DE** |
| **Accessories** | |
| **Telephone plug DE** | **CRS-200-STGER0** |
| **Carephone 12 windows** | **CRS-SV-52402** |
| **Adapter 230VAC/10VAC** | **CRS-A-058** |
| **USB Programming Interface** | **CRS-CP-USB-PI** |
| **Battery NIMH 6V Carephone 10 / Carephone 12**<br>Set of 5 pieces | **CRS-SV-03900** |
| **RPM Remote Programming Modem DE** | **CRS-SV-510DE** |
| **Programming software (TSM)** | **CRS-RM-L0500** |
| **Telephone plug IE**<br>International version | **CRS-200-STIREL** |

**Americas:**
Bosch Security Systems, Inc.
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
security.sales@us.bosch.com
www.boschsecurity.us

**Europe, Middle East, Africa:**
Bosch Security Systems B.V.
P.O. Box 80002
5600 JB Eindhoven, The Netherlands
Phone: + 31 40 2577 284
Fax: +31 40 2577 330
emea.securitysystems@bosch.com
www.boschsecurity.com

**Asia-Pacific:**
Robert Bosch (SEA) Pte Ltd, Security Systems
11 Bishan Street 21
Singapore 573943
Phone: +65 6258 5511
Fax: +65 6571 2698
apr.securitysystems@bosch.com
www.boschsecurity.asia

**Represented by**

© Bosch Security Systems Inc. 2011 | Data subject to change without notice
T4234368779 | Cur: en-US, V22, 23 Mar 2011